

#12
L.P.S
4/14/03

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,818)

In re Application of:)	
)	
Mark O. Vogel et al.)	Examiner: To Be Assigned
)	
Serial No. 09/538,342)	Art Unit: 2711
)	
Filed: March 29, 2000)	
)	
For: Method for Improved Cable Modem Ranging)	
In A Data-Over-Cable System)	

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

1. We are transmitting herewith the attached papers for the above-identified patent application:
 - 1) Seventh Supplemental Information Disclosure Statement (IDS) Letter
 - 2) Seventh Supplemental Information Disclosure Statement (IDS) PTO-Form 1449
 - 3) Copies of IDS Citations for 09/538,342 (5 Documents)
 - 4) Return Postcard
2. A check in the amount of \$180.00 is enclosed for the Filing Fee.
3. **GENERAL AUTHORIZATION TO CHARGE OR CREDIT FEES:** Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
4. **CERTIFICATE OF MAILING UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450 on this 9th day of April, 2003.

By: _____

Enrique Pérez
Reg. No. 43,853

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,818)

In re Application of:

Mark O. Vogel et al.

Examiner: To Be Assigned

Serial No. 09/538,342

Art Unit: 2711

Filed: March 29, 2000

For: Method for Improved Cable Modem Ranging
In A Data-Over-Cable System

SEVENTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria Virginia 22313-1450

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies of the references are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application. Also, enclosed is the requisite fee pursuant to 37 C.F.R. §§ 1.97(c) and 1.17 (p), \$180.00.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited

references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103.

CITED REFERENCES

U.S. Patent Documents

Document Number	Date	Name
6,393,478	05-21-02	Bahlmann
6,064,372	05-16-00	Kahkoska

U.S. Published Applications

Number	Date	Name
US 2003/0028891 A1	02-06-03	Hardt et al.
US 2002/0136165 A1	09-26-02	Ady et al.
US 2002/0122050 A1	09-05-02	Sandberg

Respectfully submitted,

Date: April 9, 2003

By: _____

Enrique Perez
Registration No. 43,853

FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 99,818	Serial No. 09/538,342
SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant: Mark O. Vogel et al.	
		Filing Date: March 29, 2000	Group: 2711

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	6,393,478	05-21-02	Bahlmann	709	224	02-22-99
	2.	6,064,372	05-16-00	Kahkoska	345	173	11-27-96

U.S. PUBLISHED PATENT APPLICATIONS

Examiner Initial		Publication Number	Pub. Date	Name	Class	Subclass	Filing Date if Appropriate
	3.	US 2003/0028891 A1	02-06-03	Hardt et al.	725	107	08-03-01
	4.	US 2002/0136165 A1	09-26-02	Ady et al.	370	241	03-23-01
	5.	US 2002/0122050 A1	09-05-02	Sandberg	345	705	12-30-00

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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McDonnell Boehnen Hulbert & Berghoff
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Michael Trumbull

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Hon. Commissioner of S/N: 09/538,342
Patents and Trademarks
Re: Applicant - Mark O. Vogel et al.

Atty EP:hm

Case No. 99,818

"Method for Improved Cable Modem Ranging in a Data-Over-Cable System"

Sir:

Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:

- (1) Transmittal Letter in duplicate;
- (2) Seventh Supplemental Information Disclosure Statement;
- (3) Seventh Supplemental Form PTO-1449; and
- (4) 5 Cited References.

Fee Enclosed

\$ 180.00
Date Mailed: April 9th, 2003

Respectfully,
McDonnell Boehnen Hulbert & Berghoff
Attorney for Applicant

Recd. Commissioner of
Patents and Trademarks

S/N 09/538,342

Atty MJD

Re: Applicant - Mark O. Vogel et al.

Case No. 99,818

Method for Improved Cable Modem Ranging in a Data-Over-Cable System

Sir:

Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:

- ☒ Transmittal in Duplicate
- ☒ Information Disclosure Statement (IDS)
- ☒ PTO-1449 Form
- ☒ Copies of Fifty-Eight (58) Cited References for 09/538,342
- ☐ Filing Fee Check

\$-0-

Date Mailed: June 16, 2000



Respectfully,
Mr. Donnell Boehnen Hulbert & Berghoff
Attorney for Applicant

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Patents and Trademarks

S/N: 09/538,342

Atty TRB:hm

Re: Applicant - Mark O. Vogel et al.

Case No. 99,818

"Method for Improved Cable Modem Ranging in a Data-Over-Cable System"

Sir:

Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:

- (1) Transmittal Letter in duplicate;
- (2) Second Supplemental Information Disclosure Statement;
- (3) Second Supplemental Form PTO-1449; and
- (4) 6 Cited References.

Fee Enclosed

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Date Mailed: March 6, 2002

Respectfully,
McDonnell Boehnen Hulbert & Berghoff
Attorney for Applicant



Hon. Commissioner of
Patents and Trademarks

S/N: 09/538,342

Atty GIL:hm

Re: Applicant - Mark O. Vogel et al.

Case No. 99,818

"Method for Improved Cable Modem Ranging in a Data-Over-Cable System"

Sir:

Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:

- (1) Transmittal Letter in duplicate;
- (2) Third Supplemental Information Disclosure Statement;
- (3) Third Supplemental Form PTO-1449; and
- (4) 7 Cited References.



Fee Enclosed

Respectfully,
McDonnell Boehnen Hulbert & Berghoff
Attorney for Applicant

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Date Mailed: June 19, 2002

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Hon. Commissioner of
Patents and Trademarks

S/N: 09/538,342

Atty TRB/gb

Re: Applicant - Vogel et al.

Case No. 99,818

"Method For Improved Cable Modem Ranging In A Data-Over-Cable System"

Sir:

Please place the Patent Office receipt stamp hereon and mail to  receipt of:

- (1) Transmittal Letter in duplicate;
- (2) Supplemental Information Disclosure Statement;
- (3) Supplemental Form PTO-1449; and
- (4) 76 Cited References.



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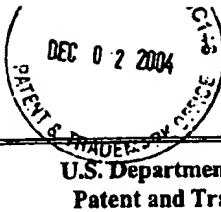
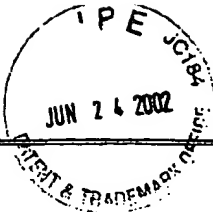
Respectfully,

McDonnell Boehnen Hulbert & Berghoff
Attorney for Applicant

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Date Mailed: December 19, 2001

✓

PTO-1449
2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

99,818

Serial No.

09/538,342

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

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JUN 27 2002
Technology Center 2600

Applicant:

Mark O. Vogel et al.

Filing Date:

March 29, 2000

Group:

2711

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
SEB	1	6,308,328	10-23-01	Bowcutt et al.	725	111	04-10-97
SEB	2	6,301,618	10-09-01	Sitaraman et al.	709	227	09-11-00
SEB	3	6,301,223	10-09-01	Hrastar et al.	370	227	04-11-97
SEB	4	6,370,147	04-09-02	Beser	370	401	04-23-98
SEB	5	6,351,773	02-26-02	Fijolek et al.	709	228	12-21-98

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

SEB	6	"Radio Frequency Interface Specification (Interim Specification) SP-RFI-105-991105", MCNS Holdings, L.P., 1999, Pgs. ii to 202.
SEB	7	"Radio Frequency Interface Specification (Interim Specification) SP-RFIv1.1-106-001215", MCNS Holdings, L.P., 2000, Pgs. ii to 432.
EXAMINER		DATE CONSIDERED
<i>h. h. h.</i>		2/14/03

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Form PTO-1449 (modified)

Atty. Docket No.
99,818Serial No.
09/538,342

List of Patents and Publications for Applicant's

Applicant

Vogel et al.

SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
03/29/2000Group:
2711U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 4Other Art
See Page 4

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
5EB	A1	4,644,533	02/17/1997	Braff et al.	370	94	05/06/1985
5EB	A2	4,881,263	11/14/1989	Herbison et al.	380	21	09/25/1987
5EB	A3	4,996,685	02/26/1991	Farese et al.	370	58.1	04/10/1989
5EB	A4	5,301,273	04/05/1994	Konishi	395	200	06/18/1991
5EB	A5	5,430,727	07/04/1995	Callon	370	85.13	05/19/1994
5EB	A6	5,598,410	01/28/1997	Stone	370	469	12/29/1994
5EB	A7	5,610,910	03/11/1997	Focsaneanu et al.	370	351	08/17/1995
5EB	A8	5,675,742	10/07/1997	Jain et al.	395	200	06/26/1995
5EB	A9	5,708,654	01/13/1998	Arndt et al.	370	242	11/27/1996
5EB	A10	5,724,510	03/03/1998	Arndt et al.	395	200.5	09/06/1996
5EB	A11	5,790,770	08/04/1998	McClure et al.	395	200.61	07/18/1996
5EB	A12	5,790,806	08/04/1998	Koperda	395	200.82	04/03/1996
5EB	A13	5,793,747	08/11/1998	Kline	370	230	03/14/1996
5EB	A14	5,809,252	09/15/1998	Beighe et al.	395	200.57	12/13/1996
5EB	A15	5,819,028	10/06/1998	Manghirmalani et al.	395	185.1	04/16/1997
5EB	A16	5,828,666	10/27/1998	Focsaneanu et al.	370	389	03/06/1997
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5EB	A18	5,841,777	11/24/1998	Cohen	370	433	08/30/1996
5EB	A19	5,852,721	12/22/1998	Dillon et al.	395	200.47	02/07/1997
5EB	A20	5,894,479	04/13/1999	Mohammed	370	401	12/10/1996
5EB	A21	5,903,558	05/11/1999	Jones et al.	370	351	06/28/1996

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)

Atty. Docket No.
99,818Serial No.
09/538,342

List of Patents and Publications for Applicant's

Applicant

Vogel et al.

SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
03/29/2000Group:
2711U.S. Patent Documents
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See Page 4Other Art
See Page 4

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
SEP	A22	5,909,549	06/01/1999	Compliment et al.	709	223	11/12/1996
SEP	A23	5,913,037	06/15/1999	Spofford et al.	395	200.56	07/03/1996
SEP	A24	5,915,119	06/22/1999	Cone	395	750.02	10/01/1996
SEP	A25	5,922,051	07/13/1999	Sidey	709	223	05/14/1997
SEP	A26	5,943,604	08/24/1999	Chen et al.	455	5.1	10/31/1997
SEP	A27	5,954,797	09/21/1999	Sidey	709	223	05/14/1997
SEP	A28	5,982,748	11/09/1999	Yin et al.	370	232	10/03/1996
SEP	A29	5,987,524	11/16/1999	Yoshida et al.	709	245	09/30/1997
SEP	A30	5,991,292	11/23/1999	Focsaneanu et al.	370	352	03/06/1997
SEP	A31	5,991,306	11/23/1999	Burns et al.	370	429	08/26/1996
SEP	A32	5,999,536	12/07/1999	Kawafuji et al.	370	401	11/24/1997
SEP	A33	6,003,077	12/14/1999	Bawden et al.	709	223	09/15/1997
SEP	A34	6,005,851	12/21/1999	Craddock et al.	370	329	10/10/1997
SEP	A35	6,006,264	12/21/1999	Colby et al.	709	226	03/30/1998
SEP	A36	6,014,545	01/11/2000	Wu et al.	455	3.1	03/27/1997
SEP	A37	6,031,841	02/29/2000	Woundy	370	410	12/23/1997
SEP	A38	6,041,041	03/21/2000	Ramanathan et al.	370	241	04/15/1997
SEP	A39	6,049,546	04/11/2000	Ramakrishnan	370	412	10/15/1996
SEP	A40	6,049,825	04/11/2000	Yamamoto	709	221	12/15/1997
SEP	A41	6,052,724	04/18/2000	Willie et al.	709	223	09/02/1997
SEP	A42	6,061,349	05/09/2000	Coile et al.	370	389	05/02/1997

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
99,818Serial No.
09/538,342

Applicant

Vogel et al.

Filing Date:
03/29/2000Group:
2711U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 4Other Art
See Page 4

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
SEP	A43	6,065,049	05/16/2000	Beser	709	218	02/04/1998
SEP	A44	6,070,187	05/30/00	Subramaniam et al.	709	220	03/26/1998
SEP	A45	6,070,242	05/30/2000	Wong et al.	713	201	12/09/1996
SEP	A46	6,073,178	06/06/2000	Wong et al.	709	229	12/09/1996
SEP	A47	6,075,787	06/13/2000	Boback et al.	370	395	05/08/1997
SEP	A48	6,091,709	07/18/2000	Harrison et al.	370	235	11/25/1997
SEP	A49	6,094,431	07/25/2000	Yamato et al.	370	395	11/29/1996
SEP	A50	6,104,700	08/15/2000	Haddock et al.	370	235	02/03/1998
SEP	A51	6,112,258	08/29/2000	Miller et al.	710	19	03/19/1998
SEP	A52	6,122,254	09/19/2000	Aydemir et al.	370	235	11/25/1997
SEP	A53	6,128,298	10/03/2000	Wootton et al.	370	392	10/03/2000
SEP	A54	6,130,879	10/10/2000	Liu	370	230	09/22/1997
SEP	A55	6,130,880	10/10/2000	Naudus et al.	370	235	03/20/1998
SEP	A56	6,137,792	10/24/2000	Jonas et al.	370	354	06/14/1996
SEP	A57	6,137,793	10/24/2000	Gorman et al.	370	360	12/05/1997
SEP	A58	6,148,410	11/14/2000	Baskey et al.	714	4	09/15/1997
SEP	A59	6,157,965	12/05/2000	Mohammed et al.	710	8	02/27/1998
SEP	A60	6,170,061	01/02/2001	Beser	713	201	02/04/1998
SEP	A61	6,178,455	01/23/2001	Schutte et al.	709	228	04/11/1997
SEP	A62	6,185,624	02/06/2001	Fijolek et al.	709	239	02/04/1998
SEP	A63	6,189,102	02/13/2001	Beser	713	201	05/27/1998
SEP	A64	6,208,656	03/27/2001	Hrastar et al.	370	401	04/11/1997

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DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)

Atty. Docket No.
99,818Serial No.
09/538,342

List of Patents and Publications for Applicant's

Applicant

Vogel et al.

SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:
03/29/2000Group:
2711U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 4Other Art
See Page 4

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
58B	A65	6,212,563	04/03/2001	Beser	709	227	10/01/1998
58B	A66	6,216,171	04/10/2001	Isono et al.	709	250	02/11/1998
58B	A67	6,223,222	04/24/2001	Fijolek et al.	709	227	05/14/1998
58B	A68	6,240,464	05/29/2001	Fijolek et al.	709	250	02/04/1998
58B	A69	6,260,072	07/10/2001	Rodriguez-Moral	709	241	06/12/1997
58B	A70	6,269,099	07/31/2001	Borella et al.	370	389	07/01/1998
58B	A71	6,272,150	08/07/2001	Hrastar	370	486	05/05/1997
58B	A72	6,275,853	08/14/2001	Beser et al.	709	223	05/27/1998
58B	A73	6,295,554	09/25/2001	Karadogan et al.	709	219	05/27/1998

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						
	B2						
	B3						
	B4						
	B5						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
58B	C1	Kyees et al., "ADSL: A New Twisted-Pair Access To The Information Highway", IEEE Communication Magazine, Vol. 33, Issue 4, April 1995, pages 52-60.

EXAMINER:

DATE CONSIDERED: 2/11/03

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)

Atty. Docket No.
99,818Serial No.
09/538,342

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Applicant

Vogel et al.

SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTFiling Date:
03/29/2000Group:
2711

(Use several sheets if necessary)

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 4Other Art
See Page 4

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
520	C2	Huang et al., "Design Of An MPEG-Based Set-Top Box For Video On Demand Services, Acoustics, Speech, And Signal Processing", 1995 International Conference, ICASSP-95, Vol. 4, ISBN:0-7803-2431-5, May 9-12, 1995, pages 2655-2658.
520	C3	"A Solution For The Priority Queue Problem Of Deadline-Ordered Service Disciplines", N.R. Figueira, IEEE International Conference On Computer Communications And Networks, September 22-25, 1997, pages 320-325.
	C4	
	C5	
	C6	
	C7	
	C8	
	C9	

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EXAMINER: *h. b. l.*

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

1449

(2)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

99,818

Serial No.

09/538,342

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)



Applicant:

Mark O. Vogel, et al.

Filing Date:

3/29/00

Group:

2711

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
SEB	1	5,014,234	05-07-91	Edwards, Jr.	364	900	08-25-86
SEB	2	5,138,712	08-11-92	Corbin	395	700	10-02-89
SEB	3	5,347,304	09-13-94	Moura et al.	348	12	07-28-93
7EB	4	5,442,749	08-15-95	Northcutt et al.	395	200.09	07-09-93
7EB	5	5,487,180	01-23-96	Ohtake	455	54.1	03-17-94
SEB	6	5,488,412	01-30-96	Majeti et al.	348	10	03-31-94
SEB	7	5,489,897	02-06-96	Inoue	340	870.39	04-13-93
SEB	8	5,583,931	12-10-96	Schneider et al.	379	399	07-14-95
SEB	9	5,586,121	12-17-96	Moura et al.	370	404	04-21-95
SEB	10	5,600,717	02-04-97	Schneider et al.	379	399	06-14-96
SEB	11	5,606,606	02-25-97	Schneider et al.	379	399	06-14-96
SEB	12	5,608,446	03-04-97	Carr et al.	348	6	05-09-95
SEB	13	5,623,542	04-22-97	Schneider et al.	379	399	06-14-96
SEB	14	5,623,601	04-22-97	Vu	395	187.01	11-21-94
SEB	15	5,636,211	06-03-97	Newlin et al.	370	465	8-15-95
SEB	16	5,675,732	10-07-97	Majeti et al.	395	200.01	05-08-95
SEB	17	5,710,885	01-20-98	Bondi	395	200.54	11-28-95

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99,818

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
SEB	18	5,761,602	06-02-98	Wagner et al.	455	3.1	09-13-95
SEB	19	5,778,181	07-07-98	Hidary et al.	395	200.48	03-14-96
SEB	20	5,790,198	08-04-98	Roop, et al.	348	460	05-04-94
SEB	21	5,790,548	08-04-98	Sistanizadeh, et al.	370	401	04-18-96
SEB	22	5,790,677	08-04-98	Fox, et al.	380	24	06-29-95
SEB	23	5,799,086	08-25-98	Sudia	380	23	02-19-97
SEB	24	5,805,804	09-08-98	Laursen, et al.	395	200.02	03-12-97
SEB	25	5,812,819	09-22-98	Rodwin et al.	395	500	06-05-95
SEB	26	5,818,845	10-06-98	Moura, et al.	370	449	01-18-96
SEB	27	5,819,042	10-06-98	Hansen	395	200.52	02-20-96
SEB	28	5,828,655	10-27-98	Moura, et al.	370	236	08-21-96
SEB	29	5,835,727	11-10-98	Wong et al.	395	200.68	12-09-96
SEB	30	5,854,901	12-29-98	Cole, et al.	709	245	07-23-96
SEB	31	5,859,852	01-12-99	Moura, et al.	370	449	08-27-96
SEB	32	5,864,679	01-26-99	Kanai, et al.	709	238	05-21-97
SEB	33	5,870,134	02-09-99	Laubach, et al.	348	12	03-04-97
SEB	34	5,872,523	02-16-99	Dellaverson, et al.	340	825.52	03-12-96

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
SEB	35	5,884,024	03-16-99	Lim et al.	395	187.01	12-09-96
SEB	36	5,922,049	07-13-99	Radia, et al.	709	220	12-09-96
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SEB	38	5,958,007	09-28-99	Lee et al.	709	219	05-13-97
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SEB	41	6,009,103	12-28-99	Woundy	370	401	12-23-97
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SEB	44	6,018,767	01-25-00	Fijolek et al.	709	218	02-24-98
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	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

5EB	48	"Baseline Privacy Interface Specification (Interim) SP-BPI-I01-970922", MCNS Holdings, L.P., 1997, Pgs. ii to 65.
5EB	49	"Security System Specification (Interim Specification) SP-SSI-I01-970506", MCNS Holdings, L.P., 1997, Pgs. ii to 103.
5EB	50	"Cable Modem to Customer Premise Equipment Interface Specification (Interim) SP-CMCI-I02-980317", Multimedia Cable Network Systems (MCNS) Holdings, L.P., Cable Television Laboratories, Inc., 1998, Pgs. ii to 40.
5EB	51	"Operations Support System Interface Specification Baseline Privacy Interface MIB (Interim Specification) SP-OSSI-BPI-I01-980331", MCNS Holdings, L.P., 1997 and 1998, Pgs. ii to 33.
5EB	52	"Cable Modem Termination System-Network Side Interface Specification (Interim Specification) SP-CMTS-NSII01-960702", MCNS Holdings, L.P., 1996, Pgs. ii to 13.
5EB	53	"Removable Security Module Interface Specification (Interim Specification) SP-RSMI-I01-980204", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 47.
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Atty EP:hm
Case No. 99,818

"Method for Improved Cable Modem Ranging in a Data-Over-Cable System"

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